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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

RIMELL, SAMUEL G

ART UNIT	PAPER NUMBER
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2175

DATE MAILED: 01/02/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/815,971

Applicant(s)

YEE, TERRENCE

Examiner

Sam Rimell

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

SAM RIMELL

PRIMARY EXAMINER

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

The specification is objected to for the following minor informalities: Page 1, first paragraph contains blanks of incomplete information. Applicant is required in response to this office action to fill in the blank areas and complete the data.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Nakano et al. (U.S. Patent 6,505,212).

Claim 1: Reference is made to Fig. 12 and its associated description at col. 9, lines 4-57. FIG. 12 discloses an actual file (1235) respectively marked as having two versions of content “A” and “B”. The attributes of the file are recorded in a history object (1220). As seen from the history object, the file is associated with two different generations, and changed its content from “A” to “B” when it went from the first generation “G0” to the second generation “G2”. Thus, the “new attribute” is the indicator of the new generation of the file “G2” and the prior attribute is the indicator of the prior generation of the file “G0”.

The new attribute “G2” is stored with the history object in a backing storage (160). The memory device also includes at least a single version of the file, such as the version having the content “B”. The history object allows the file (1240) to share its prior attributes “G0” and its new attributes “G2”.

Claim 2: The development of the history object is made in connections with the development of websites (col. 4, lines 52-58).

Claim 3: Changes to files are made in a work area (col. 2, lines 36-53) and FIG. 3. The memory device (160) is part of a development server (130).

Claim 4: The history object includes pointer "F1" and "F2" which associates both the new attributes "G2" and previous attribute "G0" with file contents (1235).

Claim 5: Any of the file contents and history objects may inherently be erased as form of alteration. In such instance, the sharing of the prior and new attributes by the file is eliminated.

Claim 6: Version "B" of the file (1235) is a new file contents that differs from the previous version of the file "A".

Claim 7: The previous version of the file "A" is retained in memory along with its prior attribute "G0". The new version of the file "B" is also saved along with its new attribute "G2".

Claim 8: The history object (1220) creates an association that associates the newer version of the file "B" with the new attribute "G2". The step of updating the new attribute is the step of generating pointers "F1" and "F2" that respectively point to the previous version "A" and the new version "B".

Claim 9: The history object (1220) creates an association that associates the new version of the file "B" with the prior attribute "G0", as well as the new attribute "G2". The step of "updating" the prior attributes is the step of generating pointers "F1" and "F2" that respectively point to the previous version "A" and the new version "B".

Claim 10: As seen in FIG. 12, a new attribute “G3” can be created on another history object. This is readable as a third attribute. Since G3 can be associated with the history object (1220) it appears to be associated with all of the attributes defined in the history object (1220).

Claim 11: Pointers similar to the pointers “F1” and “F2” can be associated with any of the attributes “G1”, “G2” or “G3”.

Claim 12-14: The creation of a pointer, such as “F1” or “F2” is considered to be the same as “identification” of a pointer. Any number of pointers, such as “F1” or “F2” can be created. The pointers always associate attributes, such as “G0” and “G2” with specific versions of file content.

Claim 15: FIG. 2 discloses a work area and a staging area. Alterations in the work can be, for example, establishing new generations of a file 1235, such as illustrated in FIG. 12. The prior attribute of the file is the designator “G0” and the new attribute of the file is the designator “G2”. The attribute “G2” is considered to be a “new” or “altered” attribute.

Claim 16: FIG. 2 further illustrates an edition area (330) for storing contents of a website under development (col. 2, lines 48-53).

Claim 17: The system of Nakano et al. includes a persistent backing store (160).

Claim 18: FIG. 12 illustrates pointers, such as “F1” and “F2” for associating prior and new attributes “G0” and “G2” with specific versions of file content.

Claim 19: See remarks for claim 5.

Claim 20: All file contents may be stored in the persistent backing store (160).

Claim 21: The persistent backing store will store the files along with their history objects shown in FIG. 12. The history objects associate prior attributes and new attributes (G0 and G2

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respectively) with prior and new file contents ("A" and "B" respectively). The "updating" of the attributes is the step of creating pointers, such as "F1" and "F2" that link the attributes to the prior and new file contents ("A" and "B" respectively).

Any inquiry concerning this communication should be directed to Sam Rimell at telephone number (703) 306-5626.



Sam Rimell
Primary Examiner
Art Unit 2175